

Inside a D-Wave Quantum Computer (Full tour)

Room temperature

300 kelvin

50 kelvin

3 kelvin

Interstellar space

0.7 kelvin

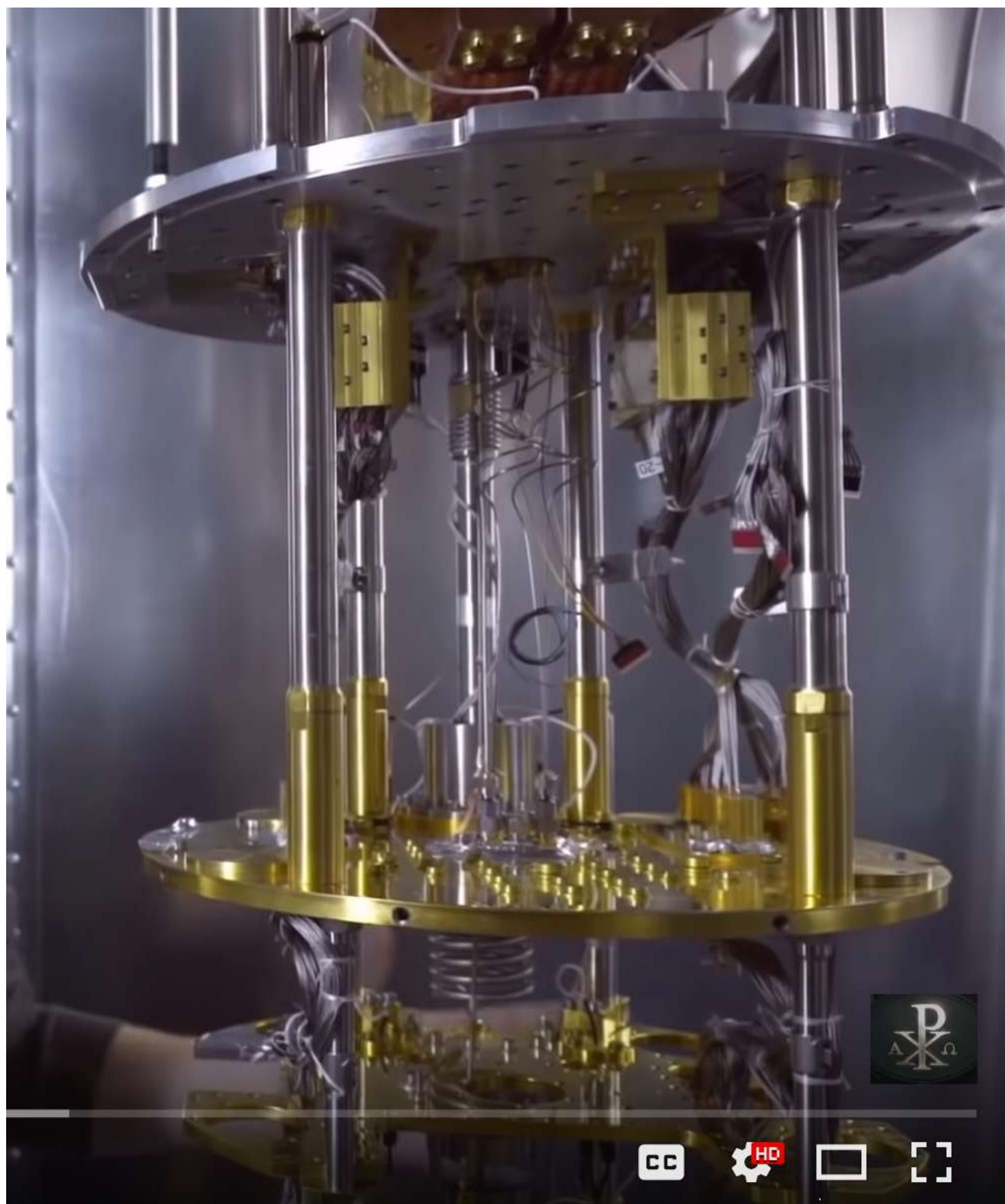
0.1 kelvin

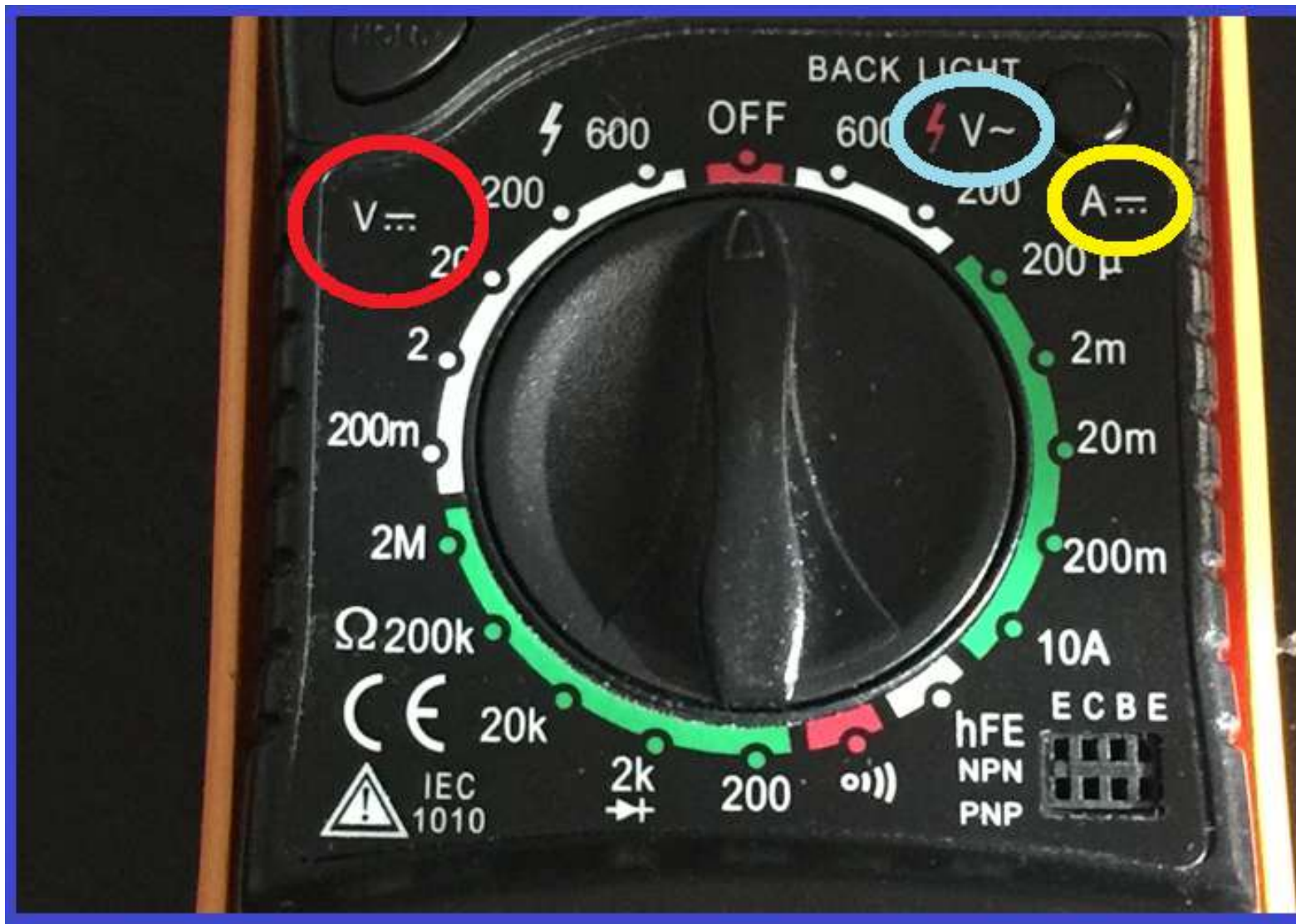
0.01 kelvin



6:34 / 12:24





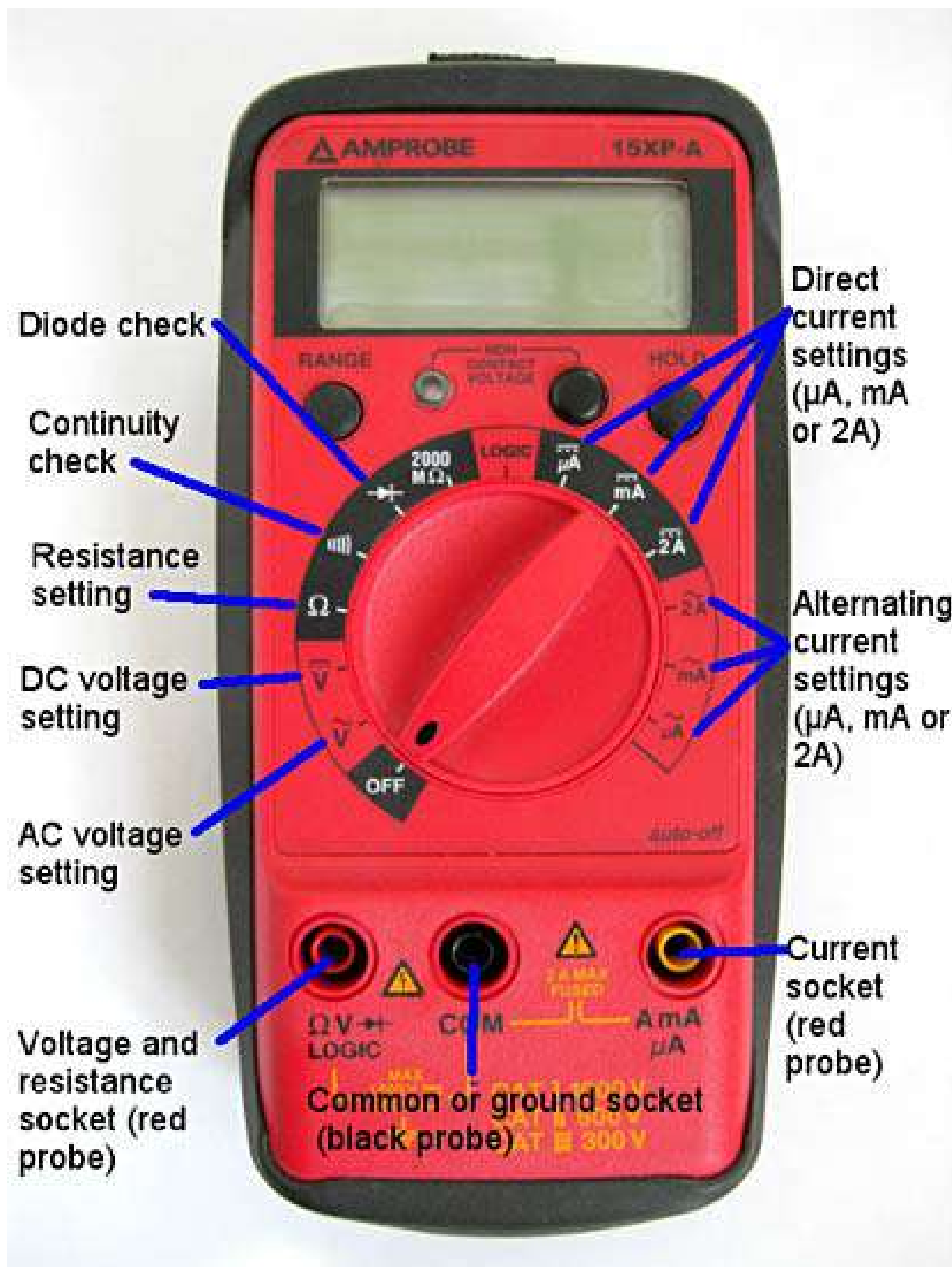


V=== DC

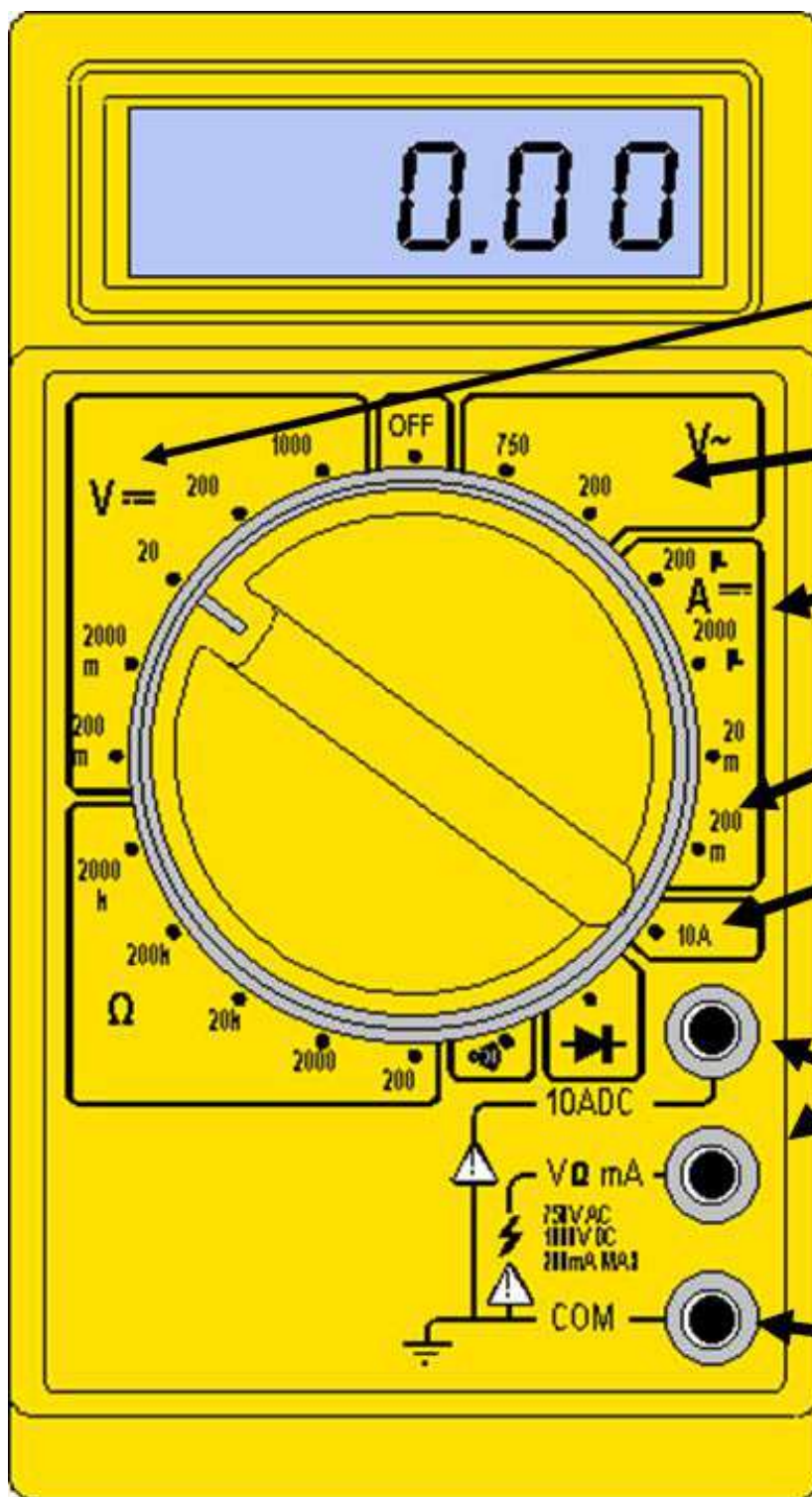
⚡ V~ AC

A=== Amps





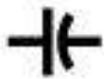






# MULTIMETER



- **DC VOLTS** - up to 1000 volts may be measured
- **AC VOLTS** – up to 750 volts can be measured.
- **DC 200 and 2000 u** is a very small value for amps.
- **DC 20 and 200 mA** (milliamps) is a small value for amperes.
- **DC 10A** (amperes) is the largest value for amps this meter can read.
- The **red** test lead plugs into the **V/mA** jack for testing voltage and for small (milli-amp) currents
- **The red** test lead also is moved to the **10A** for larger (10 ampere) currents.
- The **black** test lead always plugs into the **black COM** (common) jack.

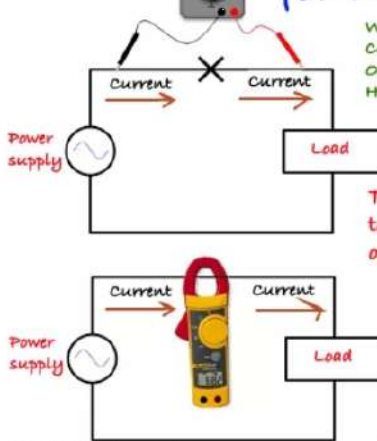
## DIGITAL MULTIMETER FRONT PANEL SYMBOLS

Symbol	Meaning
V 	V DC
V 	V AC
mV	millivolts (.001V or 1/1,000V)
A	Amps
mA	milliamps (.001A or 1/1000A)
$\mu$ A	microA (.000001A or 1/1,000,000A)
$\Omega$	Resistance (Ohms)
k $\Omega$ , M $\Omega$	kilo-Ohms, Megohms
)))	Continuity beeper
	Capacitance (uF: Microfarads) (nF: Nanofarads)
	Diode test
Hz	Hertz (cycles/sec)
REL $\Delta$	Relative or offset reading
Range	Manual override of autorange
Hold 	Touch Hold-last stable reading
MIN MAX	Highest, lowest recorded readings
	Dangerous voltage levels
	Caution: see manual

# How to Use Clamp Multimeter for Dummies

by TheCustomizenWindows.com

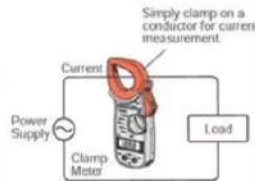
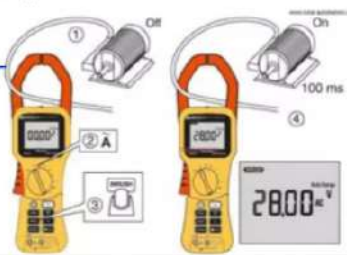
Normal Multimeter

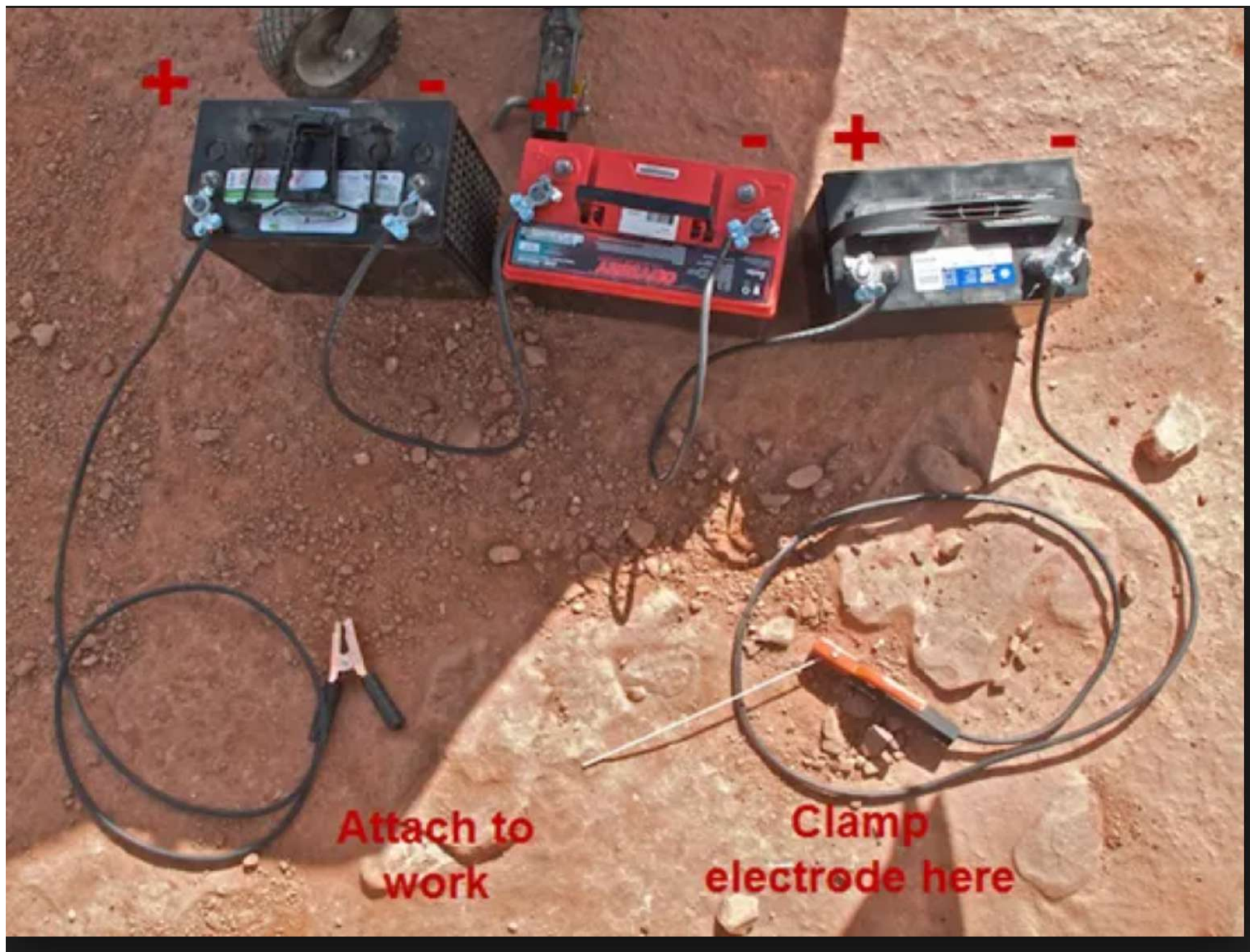


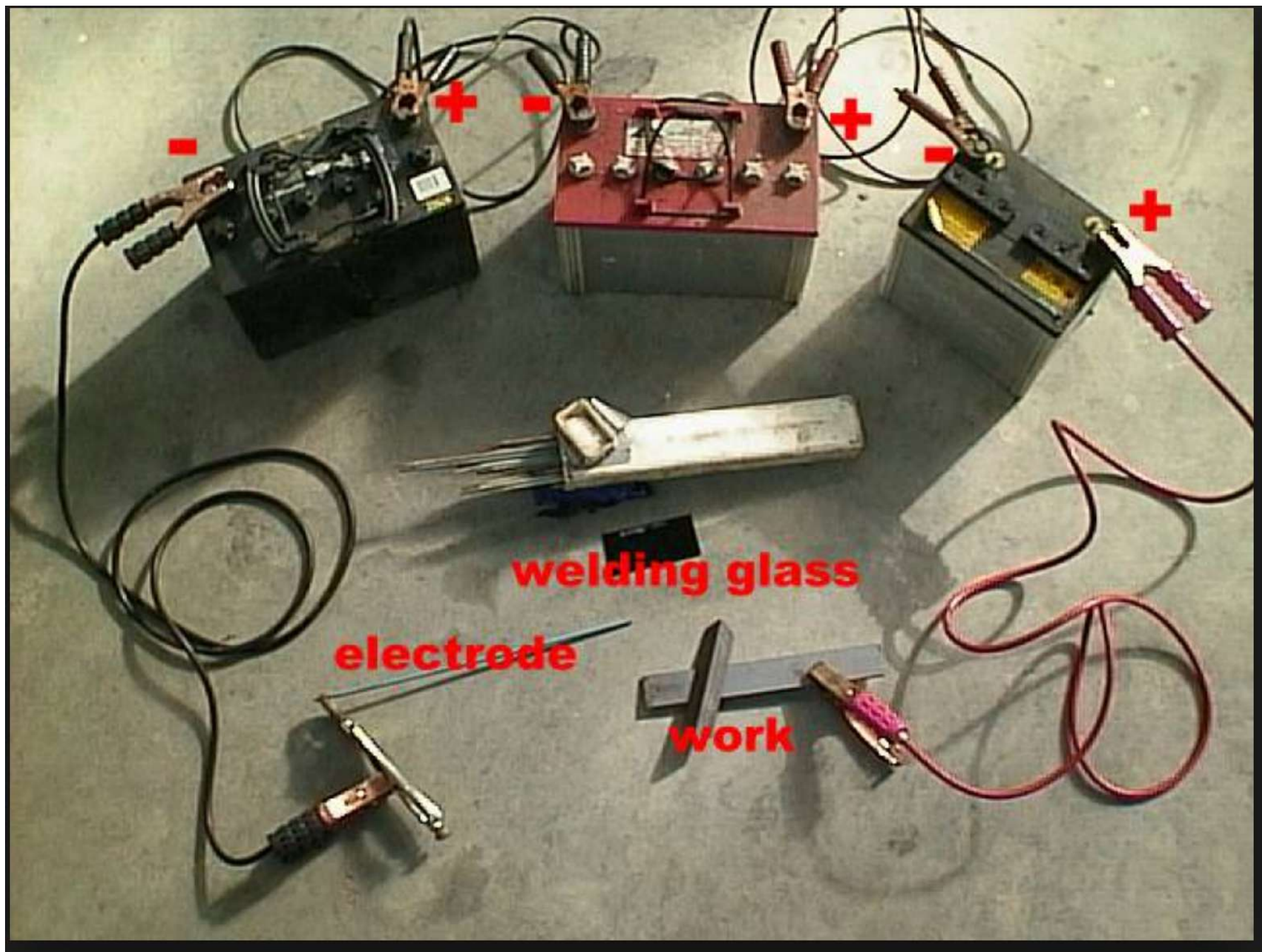
The Hall element sensor used responds to the magnetic flux due to direct current in the conductor which produces voltage across the element. The developed voltage is proportional to the current in the conductor. So by measuring voltage, current can be determined.

Hall effect and vane type clamps can also measure DC too.

SOME GADGETS SUCK HIGHER CURRENT AFTER USING FOR MANY YEARS.









BEST BUY

## Inergy K2 Pre-Sale Gold Kodiak Solar Generator Kit with 5 Solar Storm100 Panels

**\$2,114.99 USD** ~~\$2,899.99 USD~~

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**♥ ADD TO WISHLIST**

NOTE: All new Kodiak K2 products are on pre-sale pricing. Pricing goes up May 1st. Order yours today to hold yours for first shipment and pre-sale price. Pre-order shipping starts May 2019.

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### Customer Reviews

★★★★★ Based on 1 review

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**Reviews (0)** Questions (9)



Liquid Fertilizer  
Outlet



[Full movie](#)
[Check Specifications](#)



## HomeBiogas 2.0

~~\$720~~ **\$650**

The simple to install and use biogas system that saves money, improves health and provides energy & waste management infrastructure for the home. Transform your waste and transform your life today!

[Order Now](#)

- Buying HomeBiogas helps the planet.
- HomeBiogas takes pride in giving back.

## Everything you need comes in the box

The do-it-yourself installation is simple when everything you need comes in the box. In fact, installation only takes 1 hour!



✓ **A biogas stovetop** for great cooking experience. Quick connection and cook!

✓ **1300L/343 gal flexible digester tank**

✓ **700L/185 gal gas tank** with a mechanical pressure-release mechanism

✓ **7M/23ft. pipe** from the system to the kitchen stove

✓ **A gas filter** to remove odor

✓ **An inlet sink**, complete with a plunger

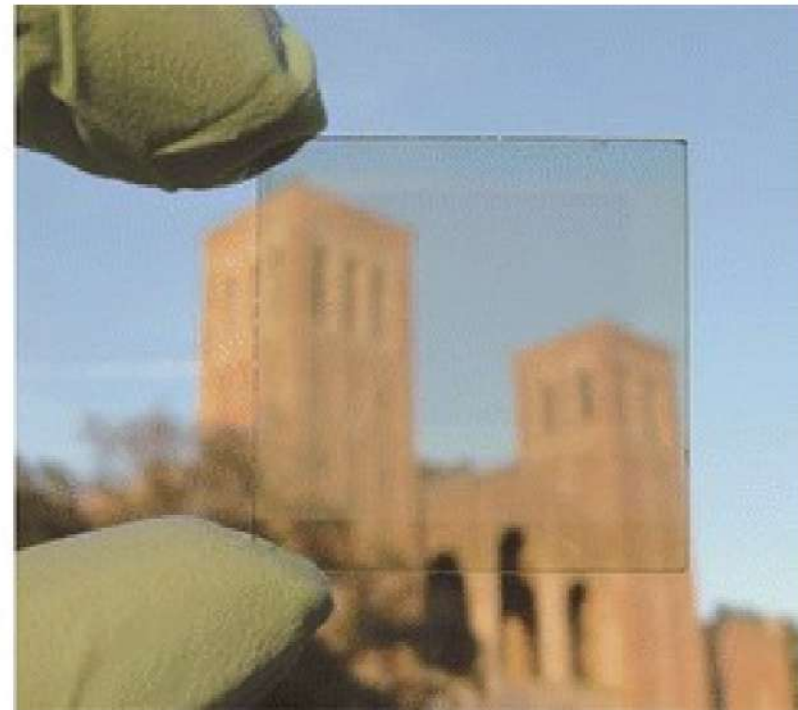
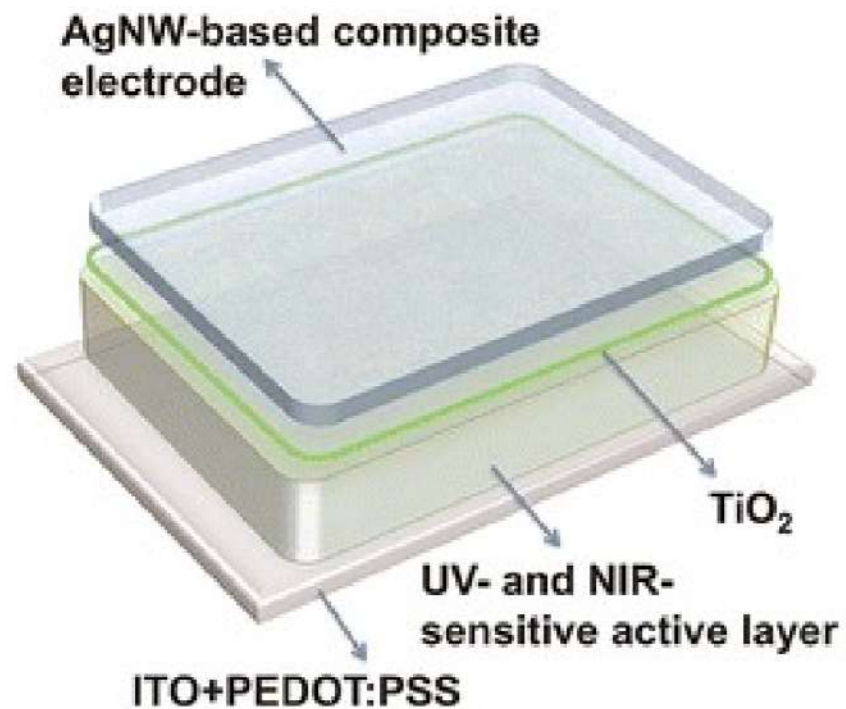
✓ **3M/10ft. indoor gas tube** with connectors and gas valves

✓ **User friendly fertilizer outlet**

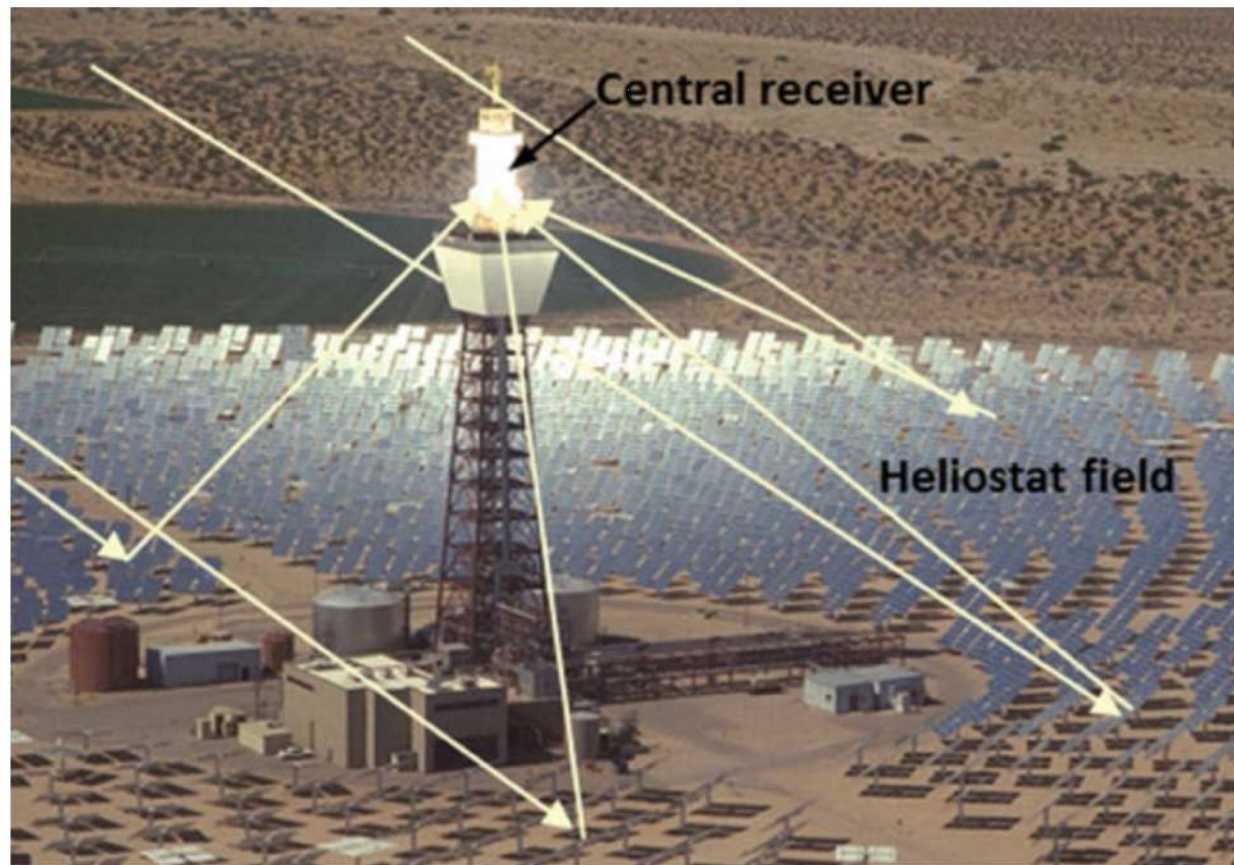


Perfectly transparent solar concentrator turns every window into a solar panel

## Visibly Transparent Organic Solar Cells - Broader Applications for Photovoltaics



*Img: CC. Chen, Visibly Transparent Polymer Solar Cells Produced by Solution Processing, July 2012*



**Fig. 2.6** Solar tower (Roldán et al. [2015](#))

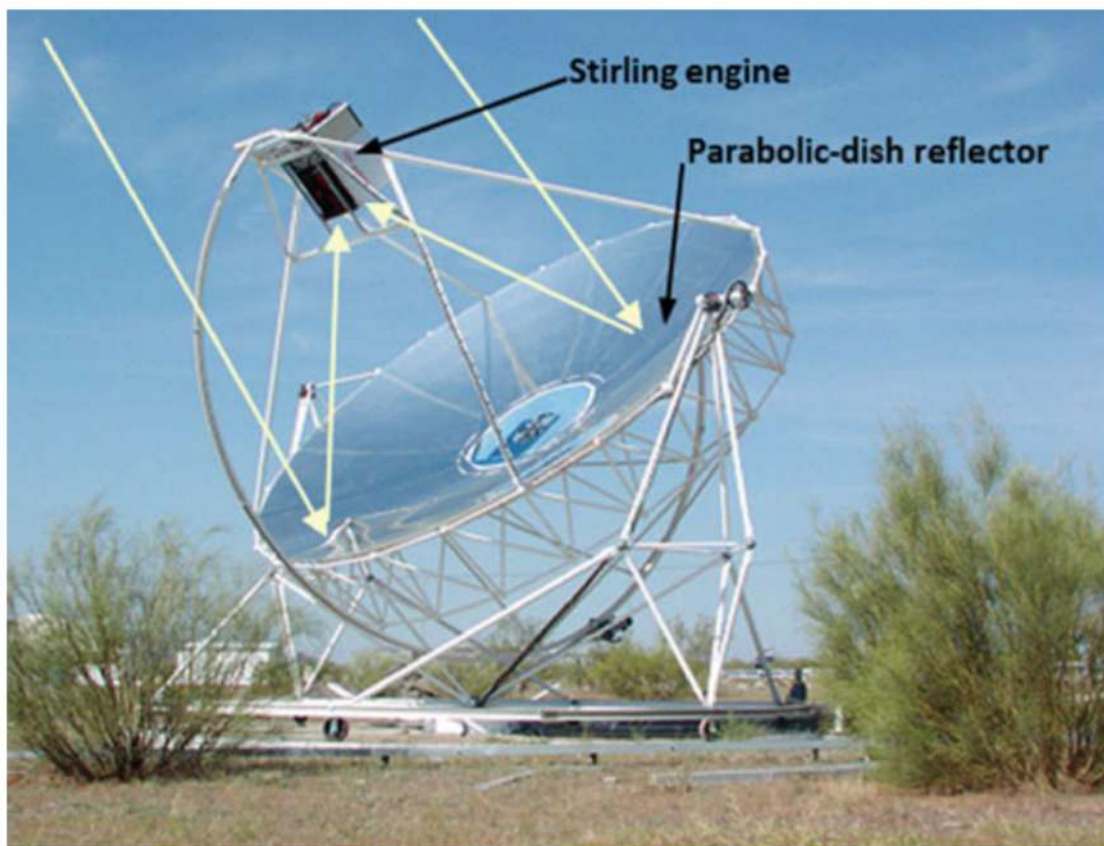
The use of high-temperature gas is also being considered (e.g. atmospheric air in volumetric receivers).

In a direct steam ST, water is pumped up the tower to the receiver, where concentrated thermal energy heats it to around 550 °C. The hot steam then powers a conventional steam turbine. When DSG is used as heat transfer fluid, it is not required a heat exchanger between the primary transfer fluid and the steam cycle, but the thermal storage is more difficult.

Depending on the primary heat transfer fluid and the receiver design, volumetric

Parabolic dish (PD) systems (Fig. 2.7) consist of a concave dish shaped concentrator that reflects sunlight into a receiver placed at the focal point of the dish. The receiver may be a Stirling engine or a micro-turbine. PD requires two-axis sun tracking system to follow the sun from east to west during the day, and from north to south throughout the year. This technology offers very high concentration factors and operating temperatures (Fig. 2.3).

To date, there are no large utilities using PD technology, due to several difficulties. The design of reliable engines for large plants is still under development. In addition, the initial cost of such systems is high in comparison with the CST



**Fig. 2.7** Parabolic dish (Roldán et al. 2015)



Survival- Starting a Fire with Steel Wool & 9V Battery!

BATTERY TERMINAL SIDE POSITIVE AND NEGATIVE  
-YOU CAN STAB WITH A KNIFE ANYWHERE WHEN EXPOSED TO  
AIR WILL CATCH FIRE WHEN PUNCTURED

STEEL WOOL AROUND A MATCH / MATCH  
NOT NEEDED / RUB ACROSS TERMINALS  
SHORT CIRCUIT STEEL WOOL CATCHES FIRE

▶ ▶▶ 🔊 9:19 / 10:23

CC ⚙️ HD 📺 📐



Can You Start a Fire with a Sandwich Bag? (Cool Survival Hack)



SPRING WIRE FROM A PEN WITH 1 TURN TO MAKE LOOP - DOES NOT  
TOUCH OTHER SIDE OF BATTERY - HOLD IN PLACE WITH STRONG TAPE



3:03 / 7:53



**CAREFUL!**



0:38 / 0:49



Gum Wrapper Fire

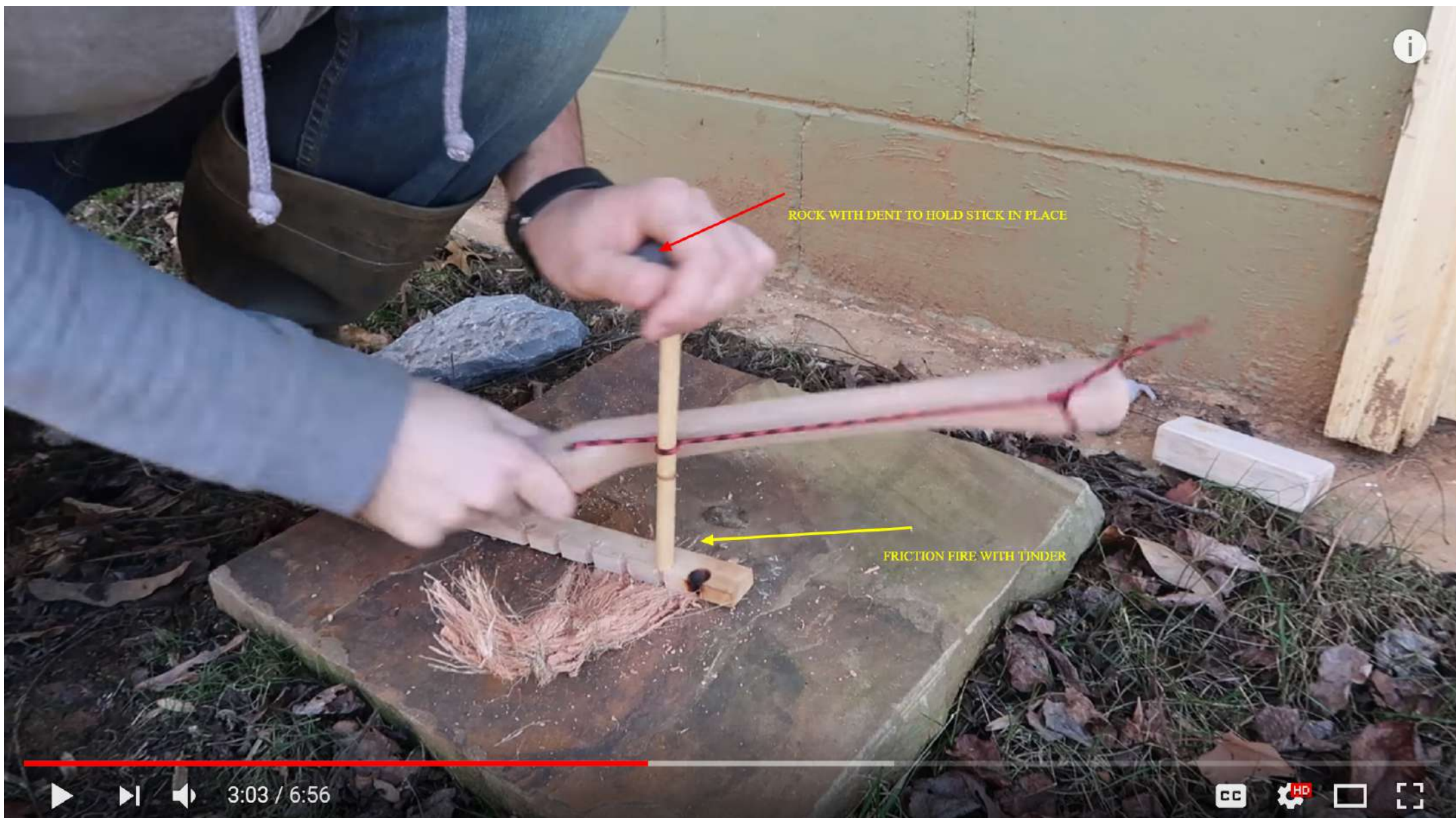
## 8. Pull firesteel.



## 8. Pull firesteel.



Survival- Fire Steel for Beginners- Tips & Tricks



ROCK WITH DENT TO HOLD STICK IN PLACE

FRICTION FIRE WITH TINDER



3:03 / 6:56





This was my best ever ice lens, and the smallest that I could make it and still get a good focus from.

Being this small it melts fast and fine tuning must be exact. But the photo shows that it is a fine collector of the suns rays!



Self Feeding Fire - 14+ Hour Fire

Up next

Al



# Survival Skills: How To Get Water And Syrup From

BY TIM MACWELCH FEBRUARY 11, 2013



Throughout much of North America, tree sugaring time is near or already underway. Depending on the weather and your latitude, you will have trees with running sap between January and early March. Some of these trees can be sources of water if you get caught without anything to drink. Other trees can provide live-saving calories at one of the roughest times of the year for survival.

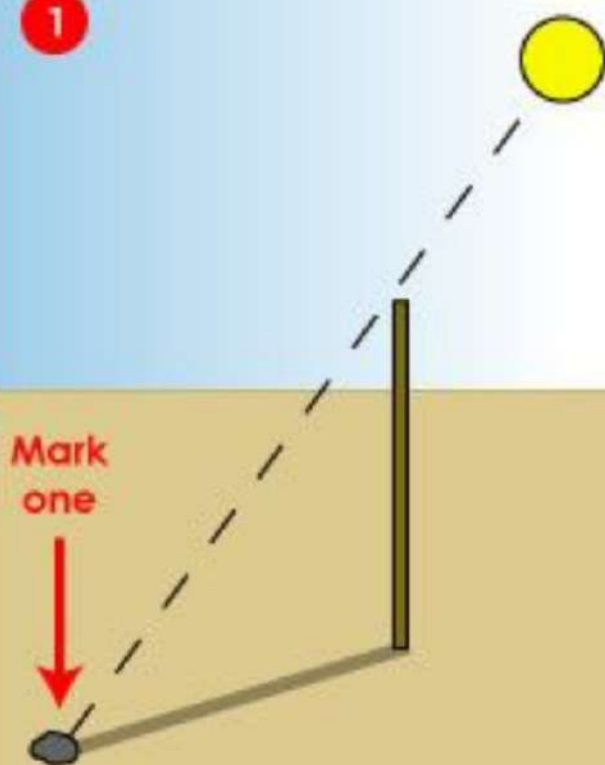
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CAN FIT WITH TUBBING -MAPLE, HICORY, BIRCH, BOX ELDER, WALNUT ALSO PINE SYCAMORE  
WHEN YOU TAP FOR WATER WILL SOUR WITHIN HOURS OR BOIL INTO SAP WHICH LAST FOR



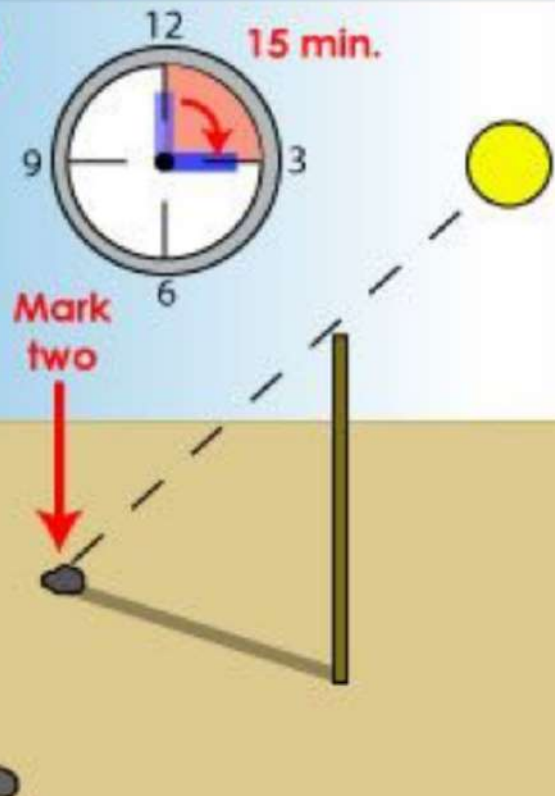
## Finding True North With the Shadow-Tip Method

1



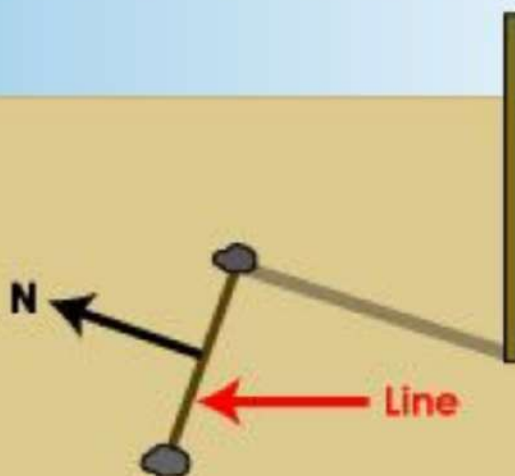
Place a stick in the ground and mark the shadow tip. This marks West.

2

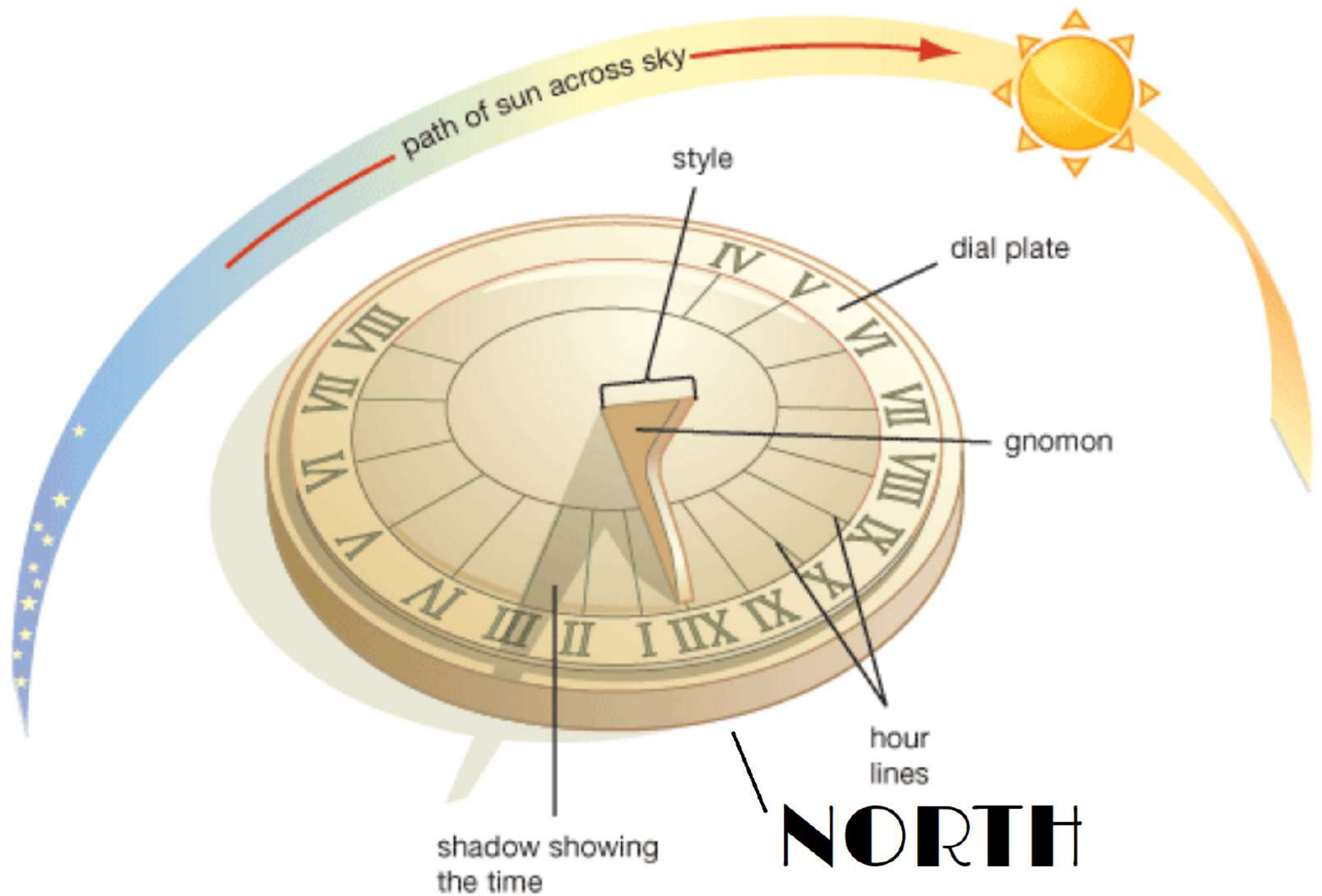


Wait 15 minutes. Mark second shadow tip. This marks East.

3

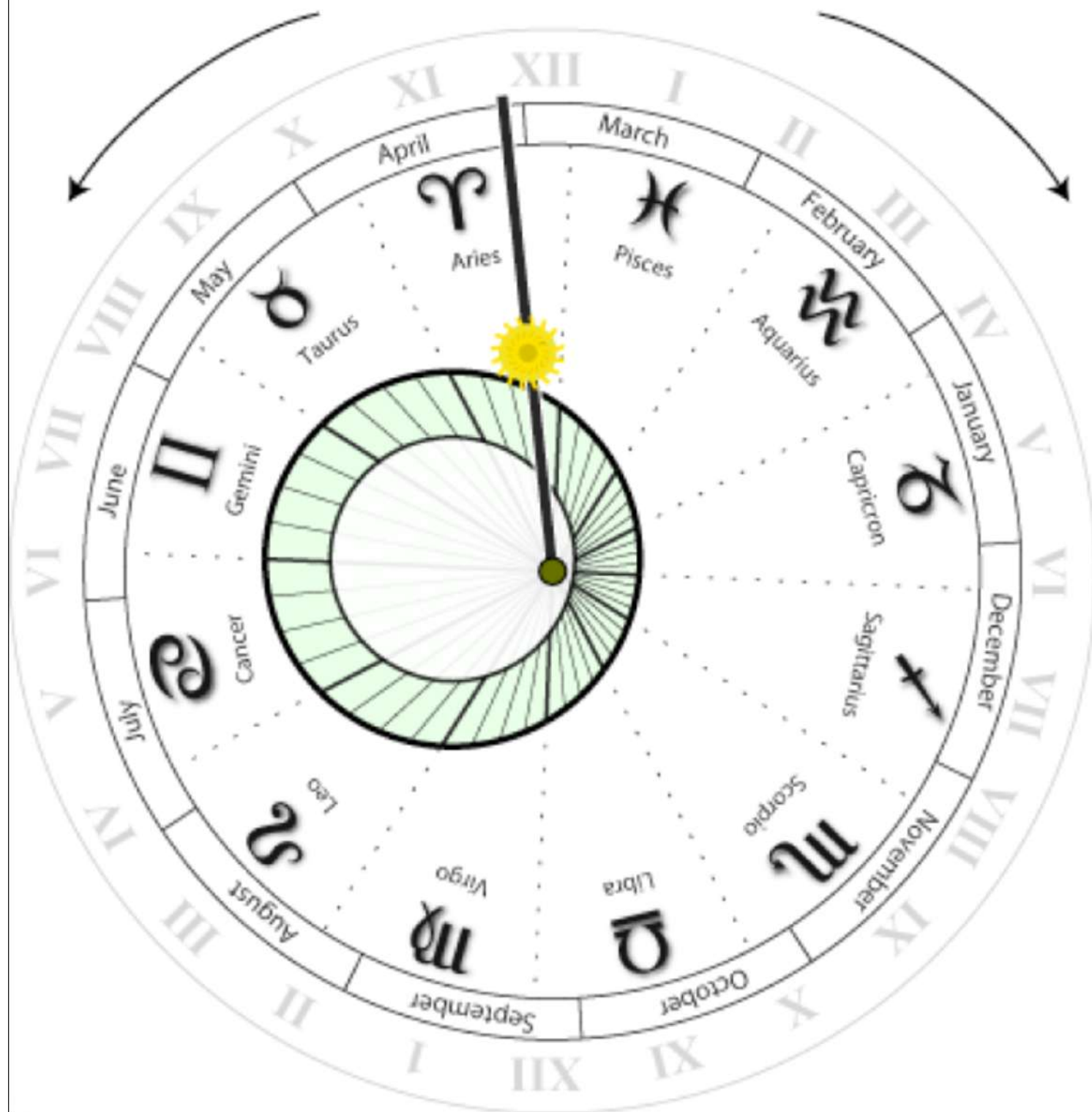


Draw a straight line between the West and East points. Then, draw a perpendicular line through it to represent true North and South.



sun rotates around zodiac ring  
one revolution per year

sun rotates around hour ring  
one revolution per day



MCMXCIX

JAN

FEB

MARCH

APRIL

AUG

JULY

DEC

NOV

OCT

SEPT

MAY

JUNE

NOON

BOB

JOAN



# Hermetic Order of the Golden Dawn

## Polygons and Polygrams

### HEXAGON



power of the Head operating in nature by the dispersal of the rays of the Planets and the Zodiac emanating from the central Sun.

### HEXAGRAM



presidency of the Sun and Moon over the 4 Elements united in and proceeding from the Spirit.

### HEPTAGRAM



the Triad operating in each Planet, and the Planets themselves in the week and in the year; the weekly order of the Planets is formed from their natural order by following the lines of Heptagram.

### HEPTAGRAM

Star of Venus



Entrance of the Seven Planets symbol of the 712 of nature, and of the 7 lower Sephiroth of the Bride.

### OCTOGRAM



Triad operating in each Element in dual form, i.e. of Positive and Negative, under the powers of the name of Tetragrammaton Adonai as it is written bound together, Yod Heh Vav Daleth Mem Nun Yod.

### OCTOGRAM

Star of Mercury



the binding together of the concentrated Paradise and Negative forces of the Elements under the name of YHVHADNI.

### ENNEAGRAM



Triplet Ternary operating both in the Seven Planets with the Head and Tail of the Dragon of the Moon, and with their Alchemical principles countercharged and interwoven.

### ENNEAGRAM

Triplet Ternary



Triplet Ternary of the Three Alchemical principles themselves.

### ENNEAGRAM

Star of Luna



administrator to the Earth of the virtues of the Solar System under the Sephiroth.

### DEKAGRAM



combination of the 3 Alchemical principles with the Spirit, and the 4 Elements in their Positive and Negative form, under the presidency of the 10 Sephiroth themselves.

### DEKAGRAM

The Ten Sephiroth



concentrated and continuous operations of the Ten Sephiroth in nature.

### DEKAGRAM

Duplicated Letter Heh



operation of the duplicated HCH of the Tetragrammaton and the combination of the Positive and Negative forces of the Spirit and the four Elements under the presidency of the Potencies of the Two in Berek the Foundations of the fourunderstandings, the Great Mother.

### ENDEKAGRAM



concentrated action of evil in the Averse Triad, symbolized by the Eleven Drakes of Eden, the horns of the Red Dragon when he asserth reference to one of the Atlas Diagrams, the Garden of Eden after the Fall.

### ENDEKAGRAM

Restriction of Evil



restriction of the Sephiroth.

### ENDEKAGRAM

The Averse



concentrated force of the averse and evil Sephiroth.

### ENDEKAGRAM

Alphabetic Princes



12 Princes of the Averse who are the heads of the evil operating in the months of the year.

### DODEKAGRAM

Signs of the Zodiac



dispersal and concentration of the Zodiac masculine and feminine signs. The masculine being Aries, Gemini, Leo, Libra, Sagittarius and Aquarius and the feminine Taurus, Cancer, Virgo, Scorpio, Capricorn and Pisces.

### DODEKAGRAM



concentrated force of the four Triplet of the Zodiac operating through nature.

### DODEKAGRAM



Three Qualifications of Signs, Succedent, Cadent and Mutable, Fixed and Common.

### DODEKAGRAM

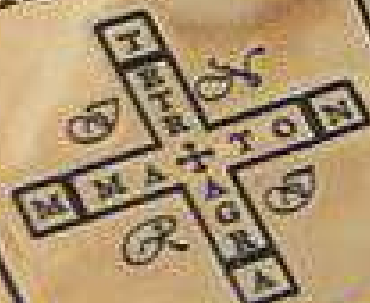
Star of Luna



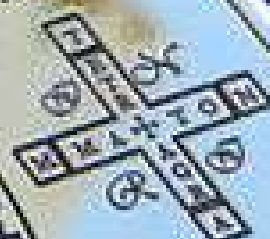
the 24 Hours of the scheme established over the Positive and Negative potencies of the Elements in the Zodiac and over the 24 hours in the day.

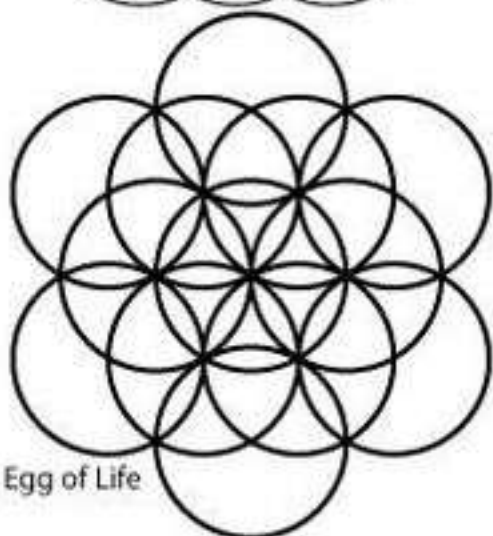
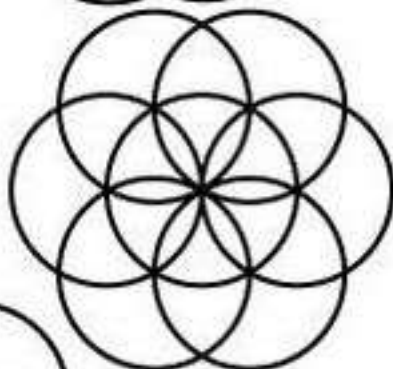
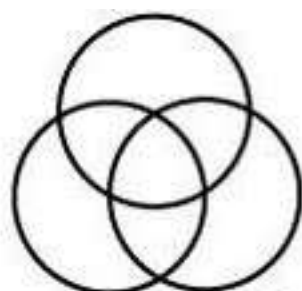
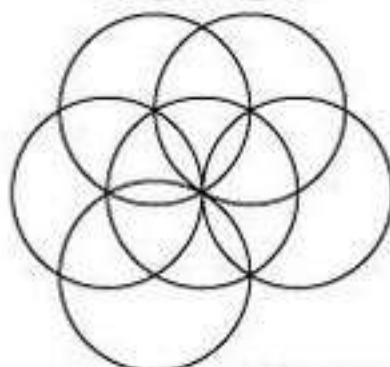
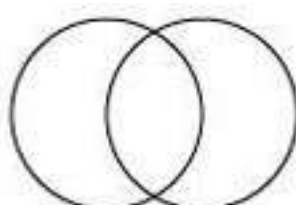
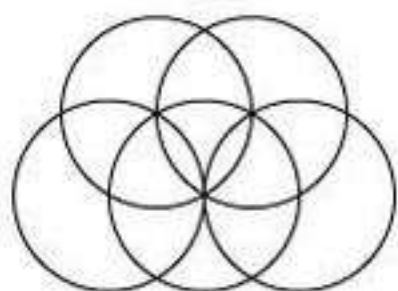
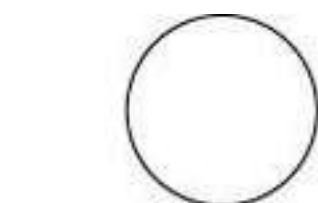


GABRIEL  
MICHAEL  
HANIEL

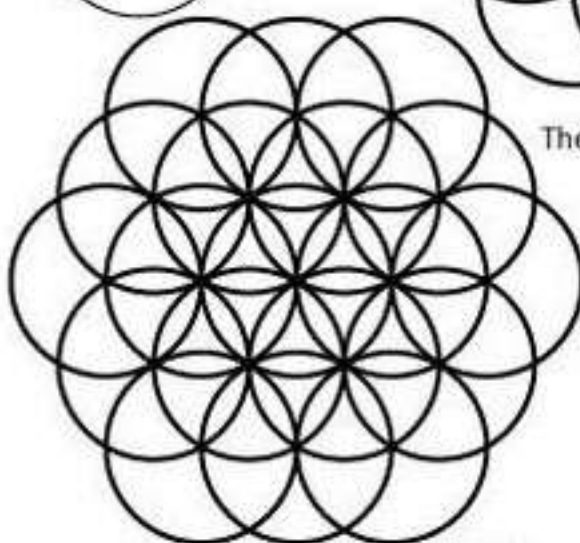


TZAFQIEL  
TZADKIEL  
SAMAEL  
RAPHAEL



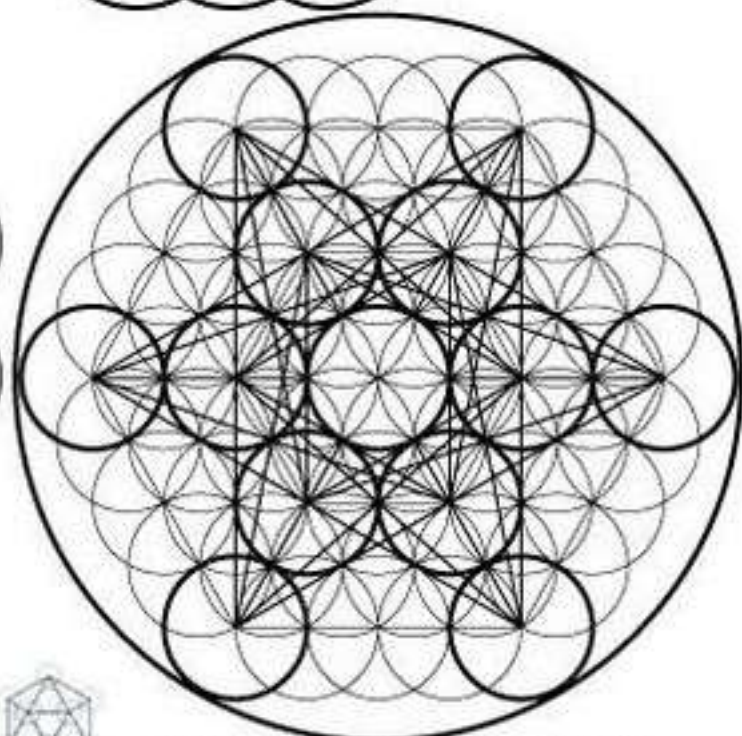
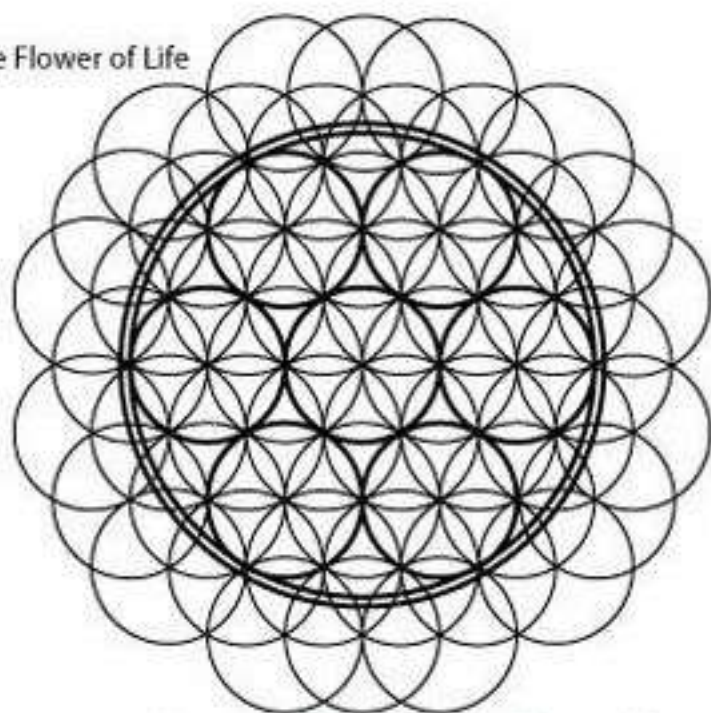


The Egg of Life



The Seed of Life

The Flower of Life



The Fruit of Life and Metatron's Cube  
 <---contain within the 5 platonic solids

